

Converting Colors

XYZ(47.3931, 37.7277, 88.7547)

Have a look what the booklet for
XYZ(47.3931, 37.7277, 88.7547)
contains.

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Color

**XYZ(47.5411, 37.9157,
88.8172)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BE92F2 |
| RGB | 190, 146, 242 |
| RGB Percent | 75%, 57%, 95% |
| CMY | 0.2549, 0.4274, 0.0510 |
| CMYK | 0.21, 0.40, 0.00, 0.05 |
| HSL | 268°, 79%, 76% |
| HSV | 268°, 40%, 95% |
| XYZ | 47.5411, 37.9157, 88.8172 |
| YIQ | 170.1000, -4.5920, 39.1840 |

Conversions

Conversions Part 2

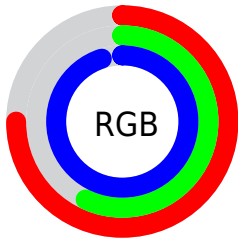
| Format | Color |
|-------------------------------------|--|
| RYB | 190, 146, 242 |
| Decimal | 12489458 |
| CIELab | 67.96, 35.01, -42.12 |
| CIELCh | 68, 54.766, 309.736 |
| Yxy | 37.9157, 0.2728, 0.2176 |
| Android (android.graphics.Color) | 4290679538 (0xFFBE92F2) |
| YUV | 170.1000, 35.4467, 17.4523 |
| Hunter-Lab | 61.5757, 30.0579, -42.4172 |

Details

The XYZ color **47.5411, 37.9157, 88.8172** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **60.2301, 77.5862, 38.9967**, and the grayscale version is **38.0900, 40.0736, 43.6402**.

A 20% lighter version of the original color is **77.4157, 68.4850, 103.7464**, and **22.8408, 16.8381, 47.9452** is the 20% darker color. If you saturate the color by 10%, you get **41.0700, 29.6164, 87.5570**, and if you desaturate by 10%, it is **55.0989, 47.9488, 90.3561**.

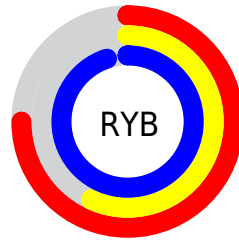
Distribution



Red (75%)

Green (57%)

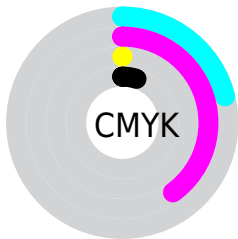
Blue (95%)



Red (75%)

Yellow (57%)

Blue (95%)

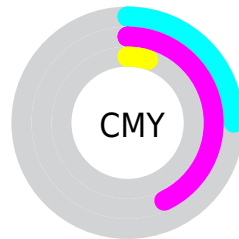


Cyan (21%)

Magenta (40%)

Yellow (0%)

Black (5%)



Cyan (25%)


Magenta (43%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5411, 37.9157, 88.8172 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 47.5411, 37.9157, 88.8172 by changing the saturation by 10% instead.


 47.5411, 37.9157,
88.8172


 47.5411, 37.9157,
88.8172


367.5832,
337.2582, 544.6462

 33.6734, 25.9173,
66.4319


 85.7346, 71.9789,
147.6155

 22.8045, 16.7618,
48.1644

 110.7911, 94.8125,
184.8655

 14.5691, 10.0648,
33.5962


140.3078,
122.0265, 227.9075

 8.6019, 5.4419,
22.3087

174.6502,
154.0055, 277.1600

 4.5374, 2.5088,
13.8834

214.1836,
191.1338, 333.0416

 2.0104, 0.8810,
7.9018

259.2733,

 0.6398, 0.0000,

233.7957, 395.9708

3.9453

310.2847,
282.3757, 466.3662

■ 0.0000, 0.0000,
1.5954

■ 0.0000, 0.0000,
0.2875

■ 47.5411, 37.9157,
88.8172

■ 47.5411, 37.9157,
88.8172

■ 41.0700, 29.6164,
87.5570

■ 55.0989, 47.9488,
90.3561

■ 35.6235, 22.9420,
86.5557

■ 63.7926, 59.8067,
92.1867

■ 31.1391, 17.7776,
85.7953

■ 73.6731, 73.5794,
94.3243

■ 27.5441, 13.9912,
85.2539

■ 84.7868, 89.3492,
96.7824

■ 24.7539, 11.4258,
84.9058

■ 93.0271, 99.1909,
98.2478

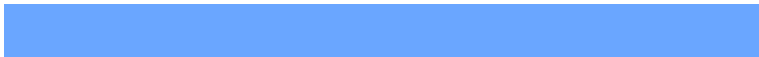
■ 22.6359, 9.8307,
84.7095

■ 22.5724, 9.7851,
84.7041

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.8760, 37.9157, 106.8276



47.5411, 37.9157, 88.8172



53.6684, 37.9157, 59.7321

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.5411, 37.9157, 88.8172



42.0066, 37.9157, 11.0821



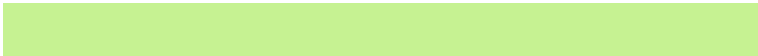
22.1978, 37.9157, 49.7255

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.5411, 37.9157, 88.8172



60.2301, 77.5862, 38.9967

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



22.7650, 37.9157, 27.0885



47.5411, 37.9157, 88.8172



33.3411, 37.9157, 10.1816

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.5411, 37.9157, 88.8172



50.1405, 37.9157, 17.9905



26.5580, 37.9157, 14.7173



24.8634, 37.9157, 79.0657

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.5411, 37.9157, 88.8172



54.9997, 37.9157, 41.5001



26.5580, 37.9157, 14.7173



22.0277, 37.9157, 41.0682

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.5425, 37.9172, 88.8181



80.2161, 78.9974, 105.6279



48.2597, 53.2780, 91.7452



16.8500, 16.4616, 22.5393



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.5425, 37.9172, 88.8181



47.2949, 34.6663, 98.8063



61.2988, 45.0089, 89.4618



15.5856, 15.5836, 19.9081



12.2795, 5.3357, 45.5106



1.1350, 0.5024, 3.7914

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.0909, 43.5136, 58.8170



59.8700, 42.0446, 58.9316



49.6670, 72.1407, 38.5024



16.1309, 15.9021, 18.2455



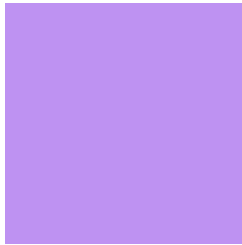
21.9451, 11.0505, 12.8936



1.8758, 0.9394, 1.3368

Previews

White Background



This preview shows how the XYZ color 47.5411, 37.9157, 88.8172 looks on a white background.

Color Contrast Check

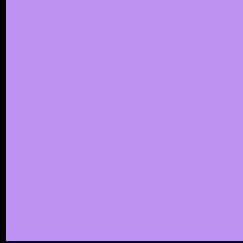
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 47.5411, 37.9157, 88.8172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

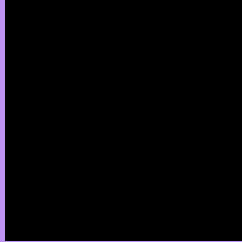
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5411, 37.9157, 88.8172

Background



This preview shows how black text looks on a background with the XYZ color 47.5411, 37.9157, 88.8172.



This preview shows how white text looks on a background with the XYZ color 47.5411, 37.9157,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.5411, 37.9157, 88.8172

Protanopia

40.8201, 38.4009, 99.8684

Deuteranopia

39.0246, 38.0423, 86.1750



Tritanopia

38.6478, 37.9718, 44.8275

Trichromacy



Original Color

47.5411, 37.9157, 88.8172

Protanomaly

42.6387, 37.8861, 95.5079

Deuteranomaly

41.3473, 37.4139, 86.7037

Tritanomaly

41.3729, 37.7992, 58.5415

Monochromacy



Original Color

47.5411, 37.9157, 88.8172

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.8401, 38.8224, 57.5655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5411, 37.9157, 88.8172 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(190, 146, 242)` looks like.

```
.text, #text, p{  
    color:rgb(190, 146, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(190, 146, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 146, 242) }
```

Border

The CSS property to change the border of an element to XYZ 47.5411, 37.9157, 88.8172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 146, 242) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(190, 146, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(190, 146, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 146, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 146, 242); box-shadow:4px 4px 4px 4px rgb(190, 146, 242) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5411, 37.9157, 88.8172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 146, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(190,  
146, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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